

Annual Air Emission Inventory  
and Emission Statement  
Facility Report

**General Facility Information**

Facility ID: 00120      County - 005      State - 23      Year Inventory: 2009  
Facility Name: SPRAGUE ENERGY      SIC: 5171  
Street Address: 59 MAIN ST  
Mail Address: 59 MAIN ST      Emissions Contact: TIMOTHY KEISTER  
SOUTH PORTLAND      ME 04106      Telephone #: 2077994899

Comment:

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**Group Information**

Group Id: 001      Actual Operating Schedule for This Group:  
Group Description: TANK #3 - #2 FUEL OIL  
Design Capacity:      Desgin Cap. Units:      Hours/Day 24      Start Time: 0001  
Days/Week 7  
Percent Quarterly Throughput:      Weeks/Year 52      End Time: 2359  
Dec.-Feb.      Mar.- May      Jun.- Aug.      Sept.- Nov.      O3 Season Days 91  
25      25      25      25

Comment:

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**Process Unit Information**

Process Unit ID: 1      Stack #: 99  
Description: BREATHING LOSS      Description: FUGITIVE  
Source Classification Code (SCC): 40301020      Height: 0  
Description: Petroleum Product Storage at Refineries      Diameter: 0.00  
Fixed Roof Tanks (Varying Sizes)      Vent Height: 2  
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)      Velocity: 0.0  
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)      Exit Temp.: 0  
Flow Rate: 0  
Fuel Quality: Percent Sulfur: 0.000      Percent Ash: 0.00      Heat Content: 1  
Monthly Throughput:  
December:      March:      June:      September:  
January:      April:      July:      October:  
February:      May:      August:      November:

Annual Throughput: 3250.3      Units: 1000 Gallon-Years Distillate Oil (No. 2)

Comment:

**Process Unit Control Equipment**

No Control Devices found for this Process Unit.

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## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.21743		
Comment:						

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## Process Unit Information

Process Unit ID: 2	Stack #: 99
Description: WORKING LOSS	Description: FUGITIVE
Source Classification Code (SCC): 40301021	Height: 0
Description: Petroleum Product Storage at Refineries	Diameter: 0.00
Fixed Roof Tanks (Varying Sizes)	Vent Height: 2
Distillate Fuel #2: Working Loss (Tank Diameter Independent)	Velocity: 0.0
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro	Exit Temp.: 0
	Flow Rate: 0
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1	
Monthly Throughput:	
December:	March:
January:	April:
February:	May:
	June:
	July:
	August:
	September:
	October:
	November:
Annual Throughput: 10069.9 Units: 1000 Gallons Distillate Oil (No. 2) Thro	
Comment:	

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

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## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.0699		
Comment:						

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## Group Information

Group Id: 002  
Group Description: TANK #4 - JET KEROSENE  
Design Capacity: Design Cap. Units:  
Percent Quarterly Throughput:  
Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.  
25 25 25 25

Actual Operating Schedule for This Group:

Hours/Day 24 Start Time: 0001  
Days/Week 7  
Weeks/Year 52 End Time: 2359  
O3 Season Days 91

Comment:

## Process Unit Information

Process Unit ID: 1  
Description: STANDING LOSS  
Source Classification Code (SCC): 40301154  
Description: Petroleum Product Storage at Refineries  
Floating Roof Tanks (Varying Sizes)  
Jet Kerosene: Standing Loss - Internal  
AP-42 Units: 1000 Gallon-Years Jet Kerosene Storage C

Stack #: 99  
Description: FUGITIVE  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 1319.3 Units: 1000 Gallon-Years Jet Kerosene Storage C

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.00533	

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: WITHDRAWAL LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301119  
Description: Petroleum Product Storage at Refineries  
Floating Roof Tanks (Varying Sizes)  
Jet Kerosene: Withdrawal Loss  
AP-42 Units: 1000 Gallons Jet Kerosene Throughput

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 1246.64 Units: 1000 Gallons Jet Kerosene Throughput

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3	0.00175	

Comment:

## Group Information

Group Id: 003  
Group Description: TANK #5 - JET KEROSENE

Actual Operating Schedule for This Group:

Design Capacity: Design Cap. Units:

Hours/Day 24 Start Time: 0001

Days/Week 7

Percent Quarterly Throughput:

Weeks/Year 52

End Time: 2359

Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.

O3 Season Days 91

25 25 25 25

Comment:

## Process Unit Information

Process Unit ID: 1  
Description: STANDING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301154  
Description: Petroleum Product Storage at Refineries  
Floating Roof Tanks (Varying Sizes)  
Jet Kerosene: Standing Loss - Internal  
AP-42 Units: 1000 Gallon-Years Jet Kerosene Storage C

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 1337.4 Units: 1000 Gallon-Years Jet Kerosene Storage C

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Capture	Tons/Yr:	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3			0.004845	

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: WITHDRAWAL LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301119  
Description: Petroleum Product Storage at Refineries  
Floating Roof Tanks (Varying Sizes)  
Jet Kerosene: Withdrawal Loss  
AP-42 Units: 1000 Gallons Jet Kerosene Throughput

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 1263.83 Units: 1000 Gallons Jet Kerosene Throughput

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.001775		
Comment:						

## Group Information

Group Id: 004				Actual Operating Schedule for This Group:		
Group Description:TANK 207- KEROSENE						
Design Capacity:		Desgin Cap. Units:		Hours/Day	24	Start Time: 0001
Percent Quarterly Throughput:				Days/Week	7	
Dec.-Feb.		Mar.- May	Jun.- Aug.	Sept.- Nov.	Weeks/Year	52
25		25	25	25	O3 Season Days	91
						End Time: 2359

Comment:

## Process Unit Information

Process Unit ID:	1	Stack #:	99				
Description:	BREATHING LOSS		Description: FUGITIVE				
Source Classification Code (SCC):	40301016		Height:	0			
Description:	Petroleum Product Storage at Refineries		Diameter:	0.00			
Fixed Roof Tanks (Varying Sizes)			Vent Height:	2			
Jet Kerosene: Breathing Loss (67000 Bbl. Tank Size)			Velocity:	0.0			
AP-42 Units: 1000 Gallon-Years Jet Kerosene Storage C			Exit Temp.:	0			
Fuel Quality: Percent Sulfur:	0.000	Percent Ash:	0.00	Heat Content:	1	Flow Rate:	0
Monthly Throughput:							
December:		March:		June:		September:	
January:		April:		July:		October:	
February:		May:		August:		November:	
Annual Throughput:		1502.3		Units: 1000 Gallon-Years Jet Kerosene Storage C			
Comment:							

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.089275		
Comment:						

## Process Unit Information

Process Unit ID: 2  
Description: **WORKING LOSS**  
Source Classification Code (SCC): 40301018  
Description: **Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Jet Kerosene: Working Loss (Tank Diameter Independent)  
AP-42 Units: 1000 Gallons Jet Kerosene Throughput**  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: March: June: September:  
January: April: July: October:  
February: May: August: November:  
Annual Throughput: 3302.16 Units: 1000 Gallons Jet Kerosene Throughput  
Comment:

Stack #: 99  
Description: **FUGITIVE**  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.0278	

Comment:

## Group Information

Group Id: 005  
Group Description: TANK #13- #2 FUEL OIL  
Design Capacity: Design Cap. Units:  
Percent Quarterly Throughput:  
Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.  
25 25 25 25

Actual Operating Schedule for This Group:  
Hours/Day 24 Start Time: 0001  
Days/Week 7  
Weeks/Year 52 End Time: 2359  
O3 Season Days 91

Comment:

## Process Unit Information

Process Unit ID: 1  
Description: **WORKING LOSS**  
Source Classification Code (SCC): 40301021  
Description: **Petroleum Product Storage at Refineries**  
**Fixed Roof Tanks (Varying Sizes)**  
**Distillate Fuel #2: Working Loss (Tank Diameter Independent)**  
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: March: June: September:  
January: April: July: October:  
February: May: August: November:  
Annual Throughput: 10643.3 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Comment:

Stack #: 99  
Description: **FUGITIVE**  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.07398		

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: **BREATHING LOSS**  
Source Classification Code (SCC): 40301020  
Description: **Petroleum Product Storage at Refineries**  
**Fixed Roof Tanks (Varying Sizes)**  
**Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)**  
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: March: June: September:  
January: April: July: October:  
February: May: August: November:  
Annual Throughput: 3226.4 Units: 1000 Gallon-Years Distillate Oil (No. 2)  
Comment:

Stack #: 99  
Description: **FUGITIVE**  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.



## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.21698		
Comment:						

## Group Information

Group Id: 006				Actual Operating Schedule for This Group:		
Group Description:TANK #14- #2 FUEL OIL						
Design Capacity:		Desgin Cap. Units:		Hours/Day	24	Start Time: 0001
Percent Quarterly Throughput:				Days/Week	7	End Time: 2359
Dec.-Feb.		Mar.- May		Weeks/Year	52	
25		25		O3 Season Days	91	
25		25				

Comment:

## Process Unit Information

Process Unit ID:	1	Stack #:	99
Description:	WORKING LOSS	Description:	FUGITIVE
Source Classification Code (SCC):	40301021	Height:	0
Description:	Petroleum Product Storage at Refineries	Diameter:	0.00
Fixed Roof Tanks (Varying Sizes)		Vent Height:	2
Distillate Fuel #2: Working Loss (Tank Diameter Independent)		Velocity:	0.0
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro		Exit Temp.:	0
Fuel Quality: Percent Sulfur:	0.000	Flow Rate:	0
Percent Ash:	0.00		
Heat Content:	1		
Monthly Throughput:			
December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 13605.3 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.09456		
Comment:						

## Process Unit Information

Process Unit ID: 2 Stack #: 99  
Description: BREATHING LOSS Description: FUGITIVE  
Source Classification Code (SCC): 40301020 Height: 0  
Description: Petroleum Product Storage at Refineries Diameter: 0.00  
Fixed Roof Tanks (Varying Sizes) Vent Height: 2  
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size) Velocity: 0.0  
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2) Exit Temp.: 0  
Flow Rate: 0  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: March: June: September:  
January: April: July: October:  
February: May: August: November:  
Annual Throughput: 4391.4 Units: 1000 Gallon-Years Distillate Oil (No. 2)  
Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Tons/Yr: Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3	0.2843	

Comment:

## Group Information

Group Id: 007  
Group Description: TANK #28- AVIATION GAS  
Design Capacity: Design Cap. Units:  
Percent Quarterly Throughput:  
Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.  
25 25 25 25  
Actual Operating Schedule for This Group:  
Hours/Day 24 Start Time: 0001  
Days/Week 7  
Weeks/Year 52 End Time: 2359  
O3 Season Days 91  
Comment:

## Process Unit Information

Process Unit ID: 1  
Description: STANDING LOSS  
Source Classification Code (SCC): 40301153  
Description: Petroleum Product Storage at Refineries  
Floating Roof Tanks (Varying Sizes)  
Jet Naphtha (JP-4): Standing Loss - Internal  
AP-42 Units: 1000 Gallon-Years Jet Naphtha Storage Ca  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: 0 March: 0 June: 0 September: 0  
January: 0 April: 0 July: 0 October: 0  
February: 0 May: 0 August: 0 November: 0  
Annual Throughput: 1300.7 Units: 1000 Gallon-Years Jet Naphtha Storage Ca  
Comment:

Stack #: 99  
Description: FUGITIVE  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.457435	

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: WITHDRAWAL LOSS  
Source Classification Code (SCC): 40301118  
Description: Petroleum Product Storage at Refineries  
Floating Roof Tanks (Varying Sizes)  
Jet Naphtha (JP-4): Withdrawal Loss  
AP-42 Units: 1000 Gallons Jet Naphtha Throughput  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: March: June: September:  
January: April: July: October:  
February: May: August: November:  
Annual Throughput: 1385.77 Units: 1000 Gallons Jet Naphtha Throughput  
Comment:

Stack #: 99  
Description: FUGITIVE  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.001845		
Comment:						

## Group Information

Group Id:	008	Actual Operating Schedule for This Group:				
Group Description: TANK #101 - KEROSENE		Hours/Day	24	Start Time:	0001	
Design Capacity:	Design Cap. Units:	Days/Week	7	Weeks/Year	52	End Time: 2359
Percent Quarterly Throughput:		O3 Season Days	91			
Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.			
25	25	25	25			

Comment:

## Process Unit Information

Process Unit ID:	1	Stack #:	99
Description:	BREATHING LOSS	Description:	FUGITIVE
Source Classification Code (SCC):	40301016	Height:	0
Description:	Petroleum Product Storage at Refineries	Diameter:	0.00
Fixed Roof Tanks (Varying Sizes)		Vent Height:	2
Jet Kerosene: Breathing Loss (67000 Bbl. Tank Size)		Velocity:	0.0
AP-42 Units: 1000 Gallon-Years Jet Kerosene Storage C		Exit Temp.:	0
Fuel Quality: Percent Sulfur:	0.000	Percent Ash:	0.00
Heat Content:	1	Flow Rate:	0
Monthly Throughput:			
December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 1236.4 Units: 1000 Gallon-Years Jet Kerosene Storage C

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.082625		
Comment:						

## Process Unit Information

Process Unit ID: 2  
Description: WORKING LOSS  
Source Classification Code (SCC): 40301018  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Jet Kerosene: Working Loss (Tank Diameter Independent)  
AP-42 Units: 1000 Gallons Jet Kerosene Throughput  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: March: June: September:  
January: April: July: October:  
February: May: August: November:  
Annual Throughput: 1168.38 Units: 1000 Gallons Jet Kerosene Throughput  
Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3	0.009835	

Comment:

## Group Information

Group Id: 009  
Group Description: TANK #103- JET KEROSENE  
Design Capacity: Design Cap. Units:  
Percent Quarterly Throughput:  
Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.  
25 25 25 25  
Actual Operating Schedule for This Group:  
Hours/Day 24 Start Time: 0001  
Days/Week 7  
Weeks/Year 52 End Time: 2359  
O3 Season Days 91  
Comment:

## Process Unit Information

Process Unit ID: 1  
Description: BREATHING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301016  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Jet Kerosene: Breathing Loss (67000 Bbl. Tank Size)  
AP-42 Units: 1000 Gallon-Years Jet Kerosene Storage C

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 585.48 Units: 1000 Gallon-Years Jet Kerosene Storage C

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3	0.036545	

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: WORKING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301018  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Jet Kerosene: Working Loss (Tank Diameter Independent)  
AP-42 Units: 1000 Gallons Jet Kerosene Throughput

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 2300.57 Units: 1000 Gallons Jet Kerosene Throughput

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.019365		
Comment:						

## Group Information

Group Id: 010				Actual Operating Schedule for This Group:		
Group Description:TANK #104 - ULSD						
Design Capacity:		Desgin Cap. Units:		Hours/Day	24	Start Time: 0001
				Days/Week	7	
Percent Quarterly Throughput:				Weeks/Year	52	End Time: 2359
Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.	O3 Season Days	91	
25	25	25	25			

Comment:

## Process Unit Information

Process Unit ID:	1	Stack #:	99
Description:	BREATHING LOSS	Description:	FUGITIVE
Source Classification Code (SCC):	40301020	Height:	0
Description:	Petroleum Product Storage at Refineries	Diameter:	0.00
Fixed Roof Tanks (Varying Sizes)		Vent Height:	2
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)		Velocity:	0.0
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)		Exit Temp.:	0
Fuel Quality: Percent Sulfur:	0.000	Percent Ash:	0.00
Heat Content:	1	Flow Rate:	0
Monthly Throughtput:			
December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 1572.3 Units: 1000 Gallon-Years Distillate Oil (No. 2)

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.070795		
Comment:						

## Process Unit Information

Process Unit ID: 2 Stack #: 99  
Description: WORKING LOSS Description: FUGITIVE  
Source Classification Code (SCC): 40301021 Height: 0  
Description: Petroleum Product Storage at Refineries Diameter: 0.00  
Fixed Roof Tanks (Varying Sizes) Vent Height: 2  
Distillate Fuel #2: Working Loss (Tank Diameter Independent) Velocity: 0.0  
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro Exit Temp.: 0  
Flow Rate: 0  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: March: June: September:  
January: April: July: October:  
February: May: August: November:  
Annual Throughput: 3456.06 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Tons/Yr: Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3	0.02186	

Comment:

## Group Information

Group Id: 011  
Group Description: TANK #105 - #2 FUEL OIL  
Design Capacity: Design Cap. Units:  
Percent Quarterly Throughput:  
Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.  
25 25 25 25  
Actual Operating Schedule for This Group:  
Hours/Day 24 Start Time: 0001  
Days/Week 7  
Weeks/Year 52 End Time: 2359  
O3 Season Days 91  
Comment:



## Process Unit Information

Process Unit ID: 1  
Description: BREATHING LOSS  
Source Classification Code (SCC): 40301020  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)  
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: March: June: September:  
January: April: July: October:  
February: May: August: November:  
Annual Throughput: 3757.5 Units: 1000 Gallon-Years Distillate Oil (No. 2)  
Comment:

Stack #: 99  
Description: FUGITIVE  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.17936	

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: WORKING LOSS  
Source Classification Code (SCC): 40301021  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Working Loss (Tank Diameter Independent)  
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: March: June: September:  
January: April: July: October:  
February: May: August: November:  
Annual Throughput: 11641.3 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Comment:

Stack #: 99  
Description: FUGITIVE  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.07363		
Comment:						

## Group Information

Group Id: 012  
Group Description: TANK #111 - #2 FUEL OIL  
Design Capacity: Design Cap. Units:  
Percent Quarterly Throughput:  
Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.  
25 25 25 25

Actual Operating Schedule for This Group:

Hours/Day 24 Start Time: 0001  
Days/Week 7  
Weeks/Year 52 End Time: 2359  
O3 Season Days 91

Comment:

## Process Unit Information

Process Unit ID: 1  
Description: WORKING LOSS  
Source Classification Code (SCC): 40301021  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Working Loss (Tank Diameter Independent)  
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Stack #: 99  
Description: FUGITIVE  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 6499.11 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.041105		
Comment:						

## Process Unit Information

Process Unit ID: 2  
Description: BREATHING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301020  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)  
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 2097.7 Units: 1000 Gallon-Years Distillate Oil (No. 2)

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3	0.10097	

Comment:

## Group Information

Group Id: 013  
Group Description: TANK #112 - KEROSENE

Actual Operating Schedule for This Group:

Design Capacity: Design Cap. Units:

Hours/Day 24 Start Time: 0001

Days/Week 7

Percent Quarterly Throughput:

Weeks/Year 52 End Time: 2359

Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.

O3 Season Days 91

25 25 25 25

Comment:

## Process Unit Information

Process Unit ID: 1  
Description: WORKING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301018  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Jet Kerosene: Working Loss (Tank Diameter Independent)  
AP-42 Units: 1000 Gallons Jet Kerosene Throughput

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 1437.57 Units: 1000 Gallons Jet Kerosene Throughput

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Tons/Yr: Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3	0.0121	

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: BREATHING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301016  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Jet Kerosene: Breathing Loss (67000 Bbl. Tank Size)  
AP-42 Units: 1000 Gallon-Years Jet Kerosene Storage C

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 2458.2 Units: 1000 Gallon-Years Jet Kerosene Storage C

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.15475		
Comment:						

## Group Information

Group Id: 014				Actual Operating Schedule for This Group:			
Group Description:TANK #113 - JET KEROSENE							
Design Capacity:		Desgin Cap. Units:		Hours/Day	24	Start Time: 0001	
				Days/Week	7		
Percent Quarterly Throughput:				Weeks/Year	52	End Time: 2359	
Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.	O3 Season Days	91		
25	25	25	25				

Comment:

## Process Unit Information

Process Unit ID:	1	Stack #:	99
Description: WORKING LOSS		Description: FUGITIVE	
Source Classification Code (SCC): 40301018		Height: 0	
Description: Petroleum Product Storage at Refineries		Diameter: 0.00	
Fixed Roof Tanks (Varying Sizes)		Vent Height: 2	
Jet Kerosene: Working Loss (Tank Diameter Independent)		Velocity: 0.0	
AP-42 Units: 1000 Gallons Jet Kerosene Throughput		Exit Temp.: 0	
Fuel Quality: Percent Sulfur: 0.000		Percent Ash: 0.00	Heat Content: 1
Flow Rate: 0			
Monthly Throughput:			
December:		March:	June:
January:		April:	July:
February:		May:	August:
		September:	
		October:	
		November:	

Annual Throughput: 9852.16 Units: 1000 Gallons Jet Kerosene Throughput

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.08294		
Comment:						

## Process Unit Information

Process Unit ID: 2  
Description: BREATHING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301016  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Jet Kerosene: Breathing Loss (67000 Bbl. Tank Size)  
AP-42 Units: 1000 Gallon-Years Jet Kerosene Storage C

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December: 0	March: 0	June: 0	September: 0
January: 0	April: 0	July: 0	October: 0
February: 0	May: 0	August: 0	November: 0

Annual Throughput: 2507.3 Units: 1000 Gallon-Years Jet Kerosene Storage C

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.15475	

Comment:

## Group Information

Group Id: 015  
Group Description: TANK #114 - KEROSENE

Actual Operating Schedule for This Group:

Design Capacity: Design Cap. Units:

Hours/Day 24 Start Time: 0001

Days/Week 7

Percent Quarterly Throughput:

Weeks/Year 52 End Time: 2359

Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.

O3 Season Days 91

25 25 25 25

Comment:

## Process Unit Information

Process Unit ID: 1  
Description: **WORKING LOSS**  
Source Classification Code (SCC): 40301018  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Jet Kerosene: Working Loss (Tank Diameter Independent)  
AP-42 Units: 1000 Gallons Jet Kerosene Throughput  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: March: June: September:  
January: April: July: October:  
February: May: August: November:  
Annual Throughput: 2370.41 Units: 1000 Gallons Jet Kerosene Throughput  
Comment:

Stack #: 99  
Description: **FUGITIVE**  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3	0.019955	

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: **BREATHING LOSS**  
Source Classification Code (SCC): 40301016  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Jet Kerosene: Breathing Loss (67000 Bbl. Tank Size)  
AP-42 Units: 1000 Gallon-Years Jet Kerosene Storage C  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: March: June: September:  
January: April: July: October:  
February: May: August: November:  
Annual Throughput: 2508.49 Units: 1000 Gallon-Years Jet Kerosene Storage C  
Comment:

Stack #: 99  
Description: **FUGITIVE**  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.15475		
Comment:						

## Group Information

Group Id: 016				Actual Operating Schedule for This Group:		
Group Description:TANK #1 - BIODIESEL						
Design Capacity:		Desgin Cap. Units:		Hours/Day	24	Start Time: 0001
Percent Quarterly Throughput:				Days/Week	7	
				Weeks/Year	52	End Time: 2359
Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.	O3 Season Days	91	
25	25	25	25			

Comment:

## Process Unit Information

Process Unit ID:	1	Stack #:	99
Description:	BREATHING LOSS	Description:	FUGITIVE
Source Classification Code (SCC):	40301020	Height:	0
Description:	Petroleum Product Storage at Refineries	Diameter:	0.00
Fixed Roof Tanks (Varying Sizes)		Vent Height:	2
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)		Velocity:	0.0
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)		Exit Temp.:	0
Fuel Quality: Percent Sulfur:	0.000	Flow Rate:	0
Percent Ash:	0.00		
Heat Content:	1		
Monthly Throughput:			
December:	0	March:	0
January:	0	April:	0
February:	0	May:	0
		June:	0
		July:	0
		August:	0
		September:	0
		October:	0
		November:	0

Annual Throughput: 28.764 Units: 1000 Gallon-Years Distillate Oil (No. 2)

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.21743		
Comment:						



## Process Unit Information

Process Unit ID: 2 Stack #: 99  
Description: WORKING LOSS Description: FUGITIVE  
Source Classification Code (SCC): 40301021 Height: 0  
Description: Petroleum Product Storage at Refineries Diameter: 0.00  
Fixed Roof Tanks (Varying Sizes) Vent Height: 2  
Distillate Fuel #2: Working Loss (Tank Diameter Independent) Velocity: 0.0  
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro Exit Temp.: 0  
Flow Rate: 0  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: March: June: September:  
January: April: July: October:  
February: May: August: November:  
Annual Throughput: 213.728 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.00135	

Comment:

## Group Information

Group Id: 017  
Group Description: TANK #118 - #2 FUEL OIL  
Design Capacity: Design Cap. Units:  
Percent Quarterly Throughput:  
Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.  
25 25 25 25  
Actual Operating Schedule for This Group:  
Hours/Day 24 Start Time: 0001  
Days/Week 7  
Weeks/Year 52 End Time: 2359  
O3 Season Days 91

Comment:

## Process Unit Information

Process Unit ID: 1  
Description: BREATHING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301020  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)  
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 3876.18 Units: 1000 Gallon-Years Distillate Oil (No. 2)

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3	0.18422	

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: WORKING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301021  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Working Loss (Tank Diameter Independent)  
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 12009.0 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.07596		
Comment:						

## Group Information

Group Id:	018	Actual Operating Schedule for This Group:				
Group Description: TANK 42 - #2 OIL		Hours/Day	24	Start Time:	0001	
Design Capacity:	Desgin Cap. Units:	Days/Week	7			
Percent Quarterly Throughput:		Weeks/Year	52	End Time:	2359	
Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.	O3 Season Days	91	
25	25	25	25			

Comment:

## Process Unit Information

Process Unit ID:	1	Stack #:	99
Description:	WORKING LOSS	Description:	FUGITIVE
Source Classification Code (SCC):	40301021	Height:	0
Description:	Petroleum Product Storage at Refineries	Diameter:	0.00
Fixed Roof Tanks (Varying Sizes)		Vent Height:	2
Distillate Fuel #2: Working Loss (Tank Diameter Independent)		Velocity:	0.0
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro		Exit Temp.:	0
Fuel Quality: Percent Sulfur:	0.000	Percent Ash:	0.00
Heat Content:	1	Flow Rate:	0
Monthly Throughput:			
December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 19309.4 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.122135		
Comment:						

## Process Unit Information

Process Unit ID: 2 Stack #: 99  
Description: BREATHING LOSS Description: FUGITIVE  
Source Classification Code (SCC): 40301020 Height: 0  
Description: Petroleum Product Storage at Refineries Diameter: 0.00  
Fixed Roof Tanks (Varying Sizes) Vent Height: 2  
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size) Velocity: 0.0  
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2) Exit Temp.: 0  
Flow Rate: 0  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: March: June: September:  
January: April: July: October:  
February: May: August: November:  
Annual Throughput: 6232.55 Units: 1000 Gallon-Years Distillate Oil (No. 2)  
Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.26181	

Comment:

## Group Information

Group Id: 019  
Group Description: TANK #2 - BIODIESEL  
Design Capacity: Design Cap. Units:  
Percent Quarterly Throughput:  
Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.  
25 25 25 25  
Actual Operating Schedule for This Group:  
Hours/Day 24 Start Time: 0001  
Days/Week 7  
Weeks/Year 52 End Time: 2359  
O3 Season Days 91  
Comment:

## Process Unit Information

Process Unit ID: 1  
Description: BREATHING LOSS  
Source Classification Code (SCC): 40301020  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)  
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: 0 March: 0 June: 0 September: 0  
January: 0 April: 0 July: 0 October: 0  
February: 0 May: 0 August: 0 November: 0  
Annual Throughput: 9.5 Units: 1000 Gallon-Years Distillate Oil (No. 2)  
Comment:

Stack #: 99  
Description: FUGITIVE  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.21743	

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: WORKING LOSS  
Source Classification Code (SCC): 40301021  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Working Loss (Tank Diameter Independent)  
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: March: June: September:  
January: April: July: October:  
February: May: August: November:  
Annual Throughput: 70.589 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Comment:

Stack #: 99  
Description: FUGITIVE  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		4.35e-4		
Comment:						

## Group Information

Group Id:	020	Actual Operating Schedule for This Group:				
Group Description:	TANK #7 - 6 OIL	Hours/Day	24	Start Time:	0001	
Design Capacity:	Design Cap. Units:	Days/Week	7	Weeks/Year	52	End Time: 2359
Percent Quarterly Throughput:		O3 Season Days	91			
Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.			
25	25	25	25			

Comment:

## Process Unit Information

Process Unit ID:	1	Stack #:	99
Description:	BREATHING LOSS	Description:	FUGITIVE
Source Classification Code (SCC):	40301065	Height:	0
Description:	Petroleum Product Storage at Refineries	Diameter:	0.00
Fixed Roof Tanks (Varying Sizes)		Vent Height:	2
Grade 6 Fuel Oil: Breathing Loss (250000 Bbl. Tank Size)		Velocity:	0.0
AP-42 Units: 1000 Gallon-Years Residual Oil (No. 6) S		Exit Temp.:	0
Fuel Quality: Percent Sulfur:	0.000	Percent Ash:	0.00
Heat Content:	1	Flow Rate:	0
Monthly Throughput:			
December: 0	March: 0	June: 0	September: 0
January: 0	April: 0	July: 0	October: 0
February: 0	May: 0	August: 0	November: 0

Annual Throughput: 3800 Units: 1000 Gallon-Years Residual Oil (No. 6) S

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	5				
Comment:						

## Process Unit Information

Process Unit ID: 2 Stack #: 99  
Description: WORKING LOSS Description: FUGITIVE  
Source Classification Code (SCC): 40301075 Height: 0  
Description: Petroleum Product Storage at Refineries Diameter: 0.00  
Fixed Roof Tanks (Varying Sizes) Vent Height: 2  
Grade 6 Fuel Oil: Working Loss (Independent Tank Diameter) Velocity: 0.0  
AP-42 Units: 1000 Gallons Residual Oil (No. 6) Throug Exit Temp.: 0  
Flow Rate: 0  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: March: June: September:  
January: April: July: October:  
February: May: August: November:

Annual Throughput: 15605.2 Units: 1000 Gallons Residual Oil (No. 6) Throug

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	5	0.000705	

Comment:

## Group Information

Group Id: 022  
Group Description: TANK 210 - BOILER #2 OIL  
Design Capacity: Desgin Cap. Units:  
Percent Quarterly Throughput:  
Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.  
25 25 25 25  
Actual Operating Schedule for This Group:  
Hours/Day 24 Start Time: 0001  
Days/Week 7  
Weeks/Year 52 End Time: 2359  
O3 Season Days 91

Comment:

## Process Unit Information

Process Unit ID: 1 Stack #: 99  
Description: BREATHING LOSS Description: FUGITIVE  
Source Classification Code (SCC): 40301020 Height: 0  
Description: Petroleum Product Storage at Refineries Diameter: 0.00  
Fixed Roof Tanks (Varying Sizes) Vent Height: 2  
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size) Velocity: 0.0  
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2) Exit Temp.: 0  
Flow Rate: 0  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: March: June: September:  
January: April: July: October:  
February: May: August: November:  
Annual Throughput: 20 Units: 1000 Gallon-Years Distillate Oil (No. 2)  
Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.00164	

Comment:

## Process Unit Information

Process Unit ID: 2 Stack #: 99  
Description: WORKING LOSS Description: FUGITIVE  
Source Classification Code (SCC): 40301021 Height: 0  
Description: Petroleum Product Storage at Refineries Diameter: 0.00  
Fixed Roof Tanks (Varying Sizes) Vent Height: 2  
Distillate Fuel #2: Working Loss (Tank Diameter Independent) Velocity: 0.0  
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro Exit Temp.: 0  
Flow Rate: 0  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: March: June: September:  
January: April: July: October:  
February: May: August: November:  
Annual Throughput: 337.261 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.



## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.002345		
Comment:						

## Group Information

Group Id:	026	Actual Operating Schedule for This Group:				
Group Description: FULTON HEATER #1		Hours/Day	24	Start Time:	0001	
Design Capacity:	9.9	Days/Week	7	Weeks/Year	52	End Time: 2359
Percent Quarterly Throughput:		O3 Season Days	91			
Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.			
21	28	29	22			

Comment: Fulton Heater #1 replaces boiler #1.

## Process Unit Information

Process Unit ID: 1			Stack #: 1		
Description: #2 FUEL OIL			Description: BOILER 026		
Source Classification Code (SCC): 10200501			Height: 18		
Description: External Combustion Boilers - Industrial			Diameter: 1.30		
Distillate Oil			Vent Height: 0		
Grades 1 and 2 Oil			Velocity: 0.0		
AP-42 Units: 1000 Gallons Distillate Oil (No. 1 & 2)			Exit Temp.: 0		
Fuel Quality: Percent Sulfur: 0.350			Flow Rate: 0		
Percent Ash: 0.01					
Heat Content: 1					
Monthly Throughput:					
December:		March:	June:	September:	
January:		April:	July:	October:	
February:		May:	August:	November:	

Annual Throughput: 112.420 Units: 1000 Gallons Distillate Oil (No. 1 & 2)

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	9	0.13	0.007307		
Comment:						
124389	CARBON DIOXIDE	9	22680	1274.843		
Comment:						
7439921	LEAD	9	0.00126	7.08e-5		
Comment:						
74828	METHANE	9	0.06	0.003373		
Comment:						

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
CO	CARBON MONOXIDE	8	5.000E0	0.28105	
Comment:					
NH3	AMMONIA	8	8.000E-1	0.044968	
Comment:					
NOX	NITROGEN OXIDES	9	42	2.36082	
Comment:					
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION	9	10	0.5621	
Comment:					
PM25-FIL	PRIMARY PM2.5, FILTERABLE PORTION	8	2.500E-1	0.014053	
Comment:					
SO2	SULFUR DIOXIDE	8	1.42E2	2.793637	
Comment:					
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.34	0.019111	
Comment: Emission factor based on AP-42 and license limit.					

## Group Information

Group Id:	027	Actual Operating Schedule for This Group:			
Group Description:	FULTON HEATER #2	Hours/Day	24	Start Time:	0001
Design Capacity:	9.9	Days/Week	7	End Time:	2359
Design Cap. Units:	1	Weeks/Year	52	O3 Season Days	91
Percent Quarterly Throughput:					
Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.		
21	28	29	22		

Comment: Fulton Heater #2 replaces boiler #2.

## Process Unit Information

Process Unit ID:	1	Stack #:	2
Description:	#2 FUEL OIL	Description:	BOILER 027
Source Classification Code (SCC):	10200501	Height:	14
Description:	External Combustion Boilers - Industrial Distillate Oil	Diameter:	2.00
Grades 1 and 2 Oil		Vent Height:	0
AP-42 Units:	1000 Gallons Distillate Oil (No. 1 & 2)	Velocity:	0.0
Fuel Quality: Percent Sulfur:	0.350	Exit Temp.:	0
Percent Ash:	0.01	Flow Rate:	0
Heat Content:	1		
Monthly Throughput:			
December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 112.420 Units: 1000 Gallons Distillate Oil (No. 1 & 2)

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

### Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	9	0.13	0.007307	
Comment:					
124389	CARBON DIOXIDE	9	22680	1274.843	
Comment:					
7439921	LEAD	9	0.00126	7.08e-5	
Comment:					
74828	METHANE	9	0.06	0.003373	
Comment:					
CO	CARBON MONOXIDE	8	5.000E0	0.28105	
Comment:					
NH3	AMMONIA	8	8.000E-1	0.044968	
Comment:					
NOX	NITROGEN OXIDES	9	42	2.36082	
Comment:					
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION	9	10	0.5621	
Comment:					
PM25-FIL	PRIMARY PM2.5, FILTERABLE PORTION	8	2.500E-1	0.014053	
Comment:					
SO2	SULFUR DIOXIDE	8	1.42E2	2.793637	
Comment:					
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.34	0.019111	
Comment: Emission factor based on AP-42 and license limit.					

## Group Information

Group Id: 028  
Group Description: BOILER #3  
Design Capacity: 1 Desgin Cap. Units: 1  
Percent Quarterly Throughput:  
Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.  
44 31 6 19

### Actual Operating Schedule for This Group:

Hours/Day 24 Start Time: 0001  
Days/Week 7  
Weeks/Year 52 End Time: 2359  
O3 Season Days 91

Comment:

## Process Unit Information

Process Unit ID: 1  
Description: #2 FUEL OIL  
Source Classification Code (SCC): 10200501  
Description: External Combustion Boilers - Industrial  
Distillate Oil  
Grades 1 and 2 Oil  
AP-42 Units: 1000 Gallons Distillate Oil (No. 1 & 2)

Stack #: 3  
Description: BOILER 028

Height: 20  
Diameter: 0.80  
Vent Height: 0  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.350 Percent Ash: 0.01 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 5.708 Units: 1000 Gallons Distillate Oil (No. 1 & 2)

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	9	0.13	3.71e-4		
Comment:						
124389	CARBON DIOXIDE	9	22680	64.72872		
Comment:						
7439921	LEAD	9	0.00126	3.60e-6		
Comment:						
74828	METHANE	9	0.06	1.71e-4		
Comment:						
CO	CARBON MONOXIDE	8	5.000E0	0.01427		
Comment:						
NH3	AMMONIA	8	8.000E-1	0.002283		
Comment:						

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
NOX	NITROGEN OXIDES	9	42	0.119868	
Comment:					
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION	9	10	0.02854	
Comment:					
PM25-FIL	PRIMARY PM2.5, FILTERABLE PORTION	8	2.500E-1	0.000714	
Comment:					
SO2	SULFUR DIOXIDE	8	1.42E2	0.141844	
Comment:					
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.34	0.00097	
Comment: Emission factor based on AP-42 and license limit.					

## Group Information

Group Id:	029	Actual Operating Schedule for This Group:			
Group Description:	BOILER #5	Hours/Day	24	Start Time:	0100
Design Capacity:	2	Days/Week	7	End Time:	2300
Desgin Cap. Units:	1	Weeks/Year	52	O3 Season Days	91
Percent Quarterly Throughput:					
Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.		
34	26	23	17		

Comment:

## Process Unit Information

Process Unit ID:	1	Stack #:	100
Description:	LOW PRESSURE BOILER	Description:	BOILER #5 GROUP
Source Classification Code (SCC):	10200503	Height:	18
Description:	External Combustion Boilers - Industrial Distillate Oil	Diameter:	1.30
< 10 Million Btu/hr **		Vent Height:	0
AP-42 Units:	1000 Gallons Distillate Oil Burned	Velocity:	0.1
Fuel Quality: Percent Sulfur:	0.350	Exit Temp.:	50
Percent Ash:	0.01	Flow Rate:	0
Heat Content:	1		
Monthly Throughput:			
December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:
Annual Throughput:	24.653	Units:	1000 Gallons Distillate Oil Burned

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	9	0.13	0.001603	
Comment:					
124389	CARBON DIOXIDE	9	22680	279.565	
Comment:					
7439921	LEAD	9	0.00126	1.55e-5	
Comment:					
74828	METHANE	9	0.06	0.00074	
Comment:					
CO	CARBON MONOXIDE	8	5.000E0	0.061633	
Comment:					
NH3	AMMONIA	8	8.000E-1	0.009861	
Comment:					
NOX	NITROGEN OXIDES	9	42	0.517713	
Comment:					
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION	9	2	0.024653	
Comment:					
PM25-FIL	PRIMARY PM2.5, FILTERABLE PORTION	8	2.500E-1	0.003082	
Comment:					
SO2	SULFUR DIOXIDE	8	1.42E2	0.612627	
Comment:					
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.34	0.004191	
Comment: Emission factor based on AP-42 and license limit.					

## Group Information

Group Id: 030

Group Description: FULTON HEATER #3

Design Capacity: 9.9 Desgin Cap. Units: 1

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
21	28	29	22

Actual Operating Schedule for This Group:

Hours/Day	24	Start Time: 0001
Days/Week	7	
Weeks/Year	52	End Time: 2359
O3 Season Days	0	

Comment:

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## Process Unit Information

Process Unit ID: 1  
Description: #2 FUEL OIL  
Source Classification Code (SCC): 10200501  
Description: External Combustion Boilers - Industrial  
Distillate Oil  
Grades 1 and 2 Oil  
AP-42 Units: 1000 Gallons Distillate Oil (No. 1 & 2)  
Fuel Quality: Percent Sulfur: 0.350 Percent Ash: 0.01 Heat Content: 1  
Monthly Throughput:  
December: March: June: September:  
January: April: July: October:  
February: May: August: November:  
Annual Throughput: 112.420 Units: 1000 Gallons Distillate Oil (No. 1 & 2)  
Comment:

Stack #: 3  
Description: BOILER 028  
Height: 20  
Diameter: 0.80  
Vent Height: 0  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

---

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	9	0.13	0.007307	
Comment:					
124389	CARBON DIOXIDE	9	22680	1274.843	
Comment:					
7439921	LEAD	8	0.003369	1.89e-4	
Comment:					
74828	METHANE	9	0.06	0.003373	
Comment:					
CO	CARBON MONOXIDE	8	5.000E0	0.28105	
Comment:					
NH3	AMMONIA	8	8.000E-1	0.044968	
Comment:					
NOX	NITROGEN OXIDES	8	2.400E1	1.34904	
Comment:					
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION	8	1.000E0	0.05621	
Comment:					
PM25-FIL	PRIMARY PM2.5, FILTERABLE PORTION	8	2.500E-1	0.014053	
Comment:					
SO2	SULFUR DIOXIDE	8	1.42E2	2.793637	
Comment:					

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	8	0.42	0.008263		
Comment:						

## Group Information

Group Id: 098				Actual Operating Schedule for This Group:			
Group Description:TRUCK LOADING RACKS							
Design Capacity:		Desgin Cap. Units:		Hours/Day	24	Start Time: 0001	
				Days/Week	6		
Percent Quarterly Throughput:				Weeks/Year	52	End Time: 2359	
Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.	O3 Season Days	78		
25	25	25	25				

Comment:

## Process Unit Information

Process Unit ID:	1	Stack #:	99
Description:	ALL FUELS	Description:	FUGITIVE
Source Classification Code (SCC):	40400250	Height:	0
Description:	Petroleum Liquids Storage (non-Refinery)	Diameter:	0.00
Bulk Plants		Vent Height:	2
Loading Racks		Velocity:	0.0
AP-42 Units:	1000 Gallons Liquid Transferred	Exit Temp.:	0
Fuel Quality: Percent Sulfur:	0.000	Percent Ash:	0.00
Heat Content:	1	Flow Rate:	0
Monthly Throughput:			
December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 106426 Units: 1000 Gallons Liquid Transferred

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.7482		
Comment:						



## Group Information

Group Id: 099

Group Description: VESSEL LOADING

Actual Operating Schedule for This Group:

Design Capacity: Desgin Cap. Units:

Hours/Day 24 Start Time: 0001

Days/Week 6

Percent Quarterly Throughput:

Weeks/Year 52 End Time: 2359

Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.

O3 Season Days 78

25

25

25

25

Comment:

## Process Unit Information

Process Unit ID: 1

Stack #: 99

Description: #2 FUEL OIL

Description: FUGITIVE

Source Classification Code (SCC): 40400250

Height: 0

Description: Petroleum Liquids Storage (non-Refinery)

Diameter: 0.00

Bulk Plants

Vent Height: 2

Loading Racks

Velocity: 0.0

AP-42 Units: 1000 Gallons Liquid Transferred

Exit Temp.: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Flow Rate: 0

Monthly Throughput:

December:

March:

June:

September:

January:

April:

July:

October:

February:

May:

August:

November:

Annual Throughput: 20524 Units: 1000 Gallons Liquid Transferred

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.117		

Comment:

# Facility Pollutant Emissions Summary

Facility ID: 00120

County - 005

State - 23

		Emissions	
CAS	Pollutant	tons / year	
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	0.023895	0.023895
124389	CARBON DIOXIDE	4168.823	4168.823
7439921	LEAD	3.50e-4	3.50e-4
74828	METHANE	0.01103	0.01103
CO	CARBON MONOXIDE	0.919053	0.919053
NH3	AMMONIA	0.147048	0.147048
NOX	NITROGEN OXIDES	6.708261	6.708261
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION ONLY	1.233603	1.233603
PM25-FIL	PRIMARY PM2.5, FILTERABLE PORTION ONLY	0.045955	0.045955
SO2	SULFUR DIOXIDE	9.135382	9.135382
VOC	VOLATILE ORGANIC COMPOUNDS	4.764846	4.764846

## Process Unit Information

Process Unit ID: 1  
Description: WORKING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301018  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Jet Kerosene: Working Loss (Tank Diameter Independent)  
AP-42 Units: 1000 Gallons Jet Kerosene Throughput

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 1437.57 Units: 1000 Gallons Jet Kerosene Throughput

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Tons/Yr: Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3	0.0121	

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: BREATHING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301016  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Jet Kerosene: Breathing Loss (67000 Bbl. Tank Size)  
AP-42 Units: 1000 Gallon-Years Jet Kerosene Storage C

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 2458.2 Units: 1000 Gallon-Years Jet Kerosene Storage C

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.15475		
Comment:						

## Group Information

Group Id: 014				Actual Operating Schedule for This Group:		
Group Description:TANK #113 - JET KEROSENE						
Design Capacity:		Desgin Cap. Units:		Hours/Day	24	Start Time: 0001
Percent Quarterly Throughput:				Days/Week	7	
				Weeks/Year	52	End Time: 2359
Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.	O3 Season Days	91	
25	25	25	25			

Comment:

## Process Unit Information

Process Unit ID:	1	Stack #:	99
Description:	WORKING LOSS	Description:	FUGITIVE
Source Classification Code (SCC):	40301018	Height:	0
Description:	Petroleum Product Storage at Refineries	Diameter:	0.00
Fixed Roof Tanks (Varying Sizes)		Vent Height:	2
Jet Kerosene: Working Loss (Tank Diameter Independent)		Velocity:	0.0
AP-42 Units: 1000 Gallons Jet Kerosene Throughput		Exit Temp.:	0
Fuel Quality: Percent Sulfur:	0.000	Percent Ash:	0.00
Heat Content:	1	Flow Rate:	0
Monthly Throughput:			
December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 9852.16 Units: 1000 Gallons Jet Kerosene Throughput

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.08294		
Comment:						

## Process Unit Information

Process Unit ID: 2  
Description: BREATHING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301016  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Jet Kerosene: Breathing Loss (67000 Bbl. Tank Size)  
AP-42 Units: 1000 Gallon-Years Jet Kerosene Storage C

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December: 0	March: 0	June: 0	September: 0
January: 0	April: 0	July: 0	October: 0
February: 0	May: 0	August: 0	November: 0

Annual Throughput: 2507.3 Units: 1000 Gallon-Years Jet Kerosene Storage C

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.15475	

Comment:

## Group Information

Group Id: 015  
Group Description: TANK #114 - KEROSENE

Actual Operating Schedule for This Group:

Design Capacity: Desgin Cap. Units:  
Percent Quarterly Throughput:  
Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.  
25 25 25 25

Hours/Day 24 Start Time: 0001  
Days/Week 7  
Weeks/Year 52 End Time: 2359  
O3 Season Days 91

Comment:

## Process Unit Information

Process Unit ID: 1  
Description: WORKING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301018  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Jet Kerosene: Working Loss (Tank Diameter Independent)  
AP-42 Units: 1000 Gallons Jet Kerosene Throughput

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 2370.41 Units: 1000 Gallons Jet Kerosene Throughput

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.019955	

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: BREATHING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301016  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Jet Kerosene: Breathing Loss (67000 Bbl. Tank Size)  
AP-42 Units: 1000 Gallon-Years Jet Kerosene Storage C

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 2508.49 Units: 1000 Gallon-Years Jet Kerosene Storage C

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.15475		
Comment:						

## Group Information

Group Id: 016				Actual Operating Schedule for This Group:		
Group Description:TANK #1 - BIODIESEL						
Design Capacity:		Desgin Cap. Units:		Hours/Day	24	Start Time: 0001
Percent Quarterly Throughput:				Days/Week	7	
				Weeks/Year	52	End Time: 2359
Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.	O3 Season Days	91	
25	25	25	25			

Comment:

## Process Unit Information

Process Unit ID:	1	Stack #:	99
Description:	BREATHING LOSS	Description:	FUGITIVE
Source Classification Code (SCC):	40301020	Height:	0
Description:	Petroleum Product Storage at Refineries	Diameter:	0.00
Fixed Roof Tanks (Varying Sizes)		Vent Height:	2
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)		Velocity:	0.0
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)		Exit Temp.:	0
Fuel Quality: Percent Sulfur:	0.000	Percent Ash:	0.00
Heat Content:	1	Flow Rate:	0
Monthly Throughput:			
December: 0	March: 0	June: 0	September: 0
January: 0	April: 0	July: 0	October: 0
February: 0	May: 0	August: 0	November: 0
Annual Throughput:	28.764	Units:	1000 Gallon-Years Distillate Oil (No. 2)

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.21743		
Comment:						

## Process Unit Information

Process Unit ID: 2  
Description: WORKING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301021  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Working Loss (Tank Diameter Independent)  
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 213.728 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.00135	

Comment:

## Group Information

Group Id: 017  
Group Description: TANK #118 - #2 FUEL OIL

Actual Operating Schedule for This Group:

Design Capacity: Design Cap. Units:  
Percent Quarterly Throughput:  
Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.  
25 25 25 25

Hours/Day 24 Start Time: 0001  
Days/Week 7  
Weeks/Year 52 End Time: 2359  
O3 Season Days 91

Comment:



## Process Unit Information

Process Unit ID: 1  
Description: BREATHING LOSS  
Source Classification Code (SCC): 40301020  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)  
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: March: June: September:  
January: April: July: October:  
February: May: August: November:

Stack #: 99  
Description: FUGITIVE  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Annual Throughput: 3876.18 Units: 1000 Gallon-Years Distillate Oil (No. 2)

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3	0.18422	

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: WORKING LOSS  
Source Classification Code (SCC): 40301021  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Working Loss (Tank Diameter Independent)  
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: March: June: September:  
January: April: July: October:  
February: May: August: November:

Stack #: 99  
Description: FUGITIVE  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Annual Throughput: 12009.0 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.07596		
Comment:						

## Group Information

Group Id: 018				Actual Operating Schedule for This Group:		
Group Description:TANK 42 - #2 OIL						
Design Capacity:		Desgin Cap. Units:		Hours/Day	24	Start Time: 0001
Percent Quarterly Throughput:				Days/Week	7	
				Weeks/Year	52	End Time: 2359
Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.	O3 Season Days	91	
25	25	25	25			

Comment:

## Process Unit Information

Process Unit ID:	1	Stack #:	99
Description:	WORKING LOSS	Description:	FUGITIVE
Source Classification Code (SCC):	40301021	Height:	0
Description:	Petroleum Product Storage at Refineries	Diameter:	0.00
Fixed Roof Tanks (Varying Sizes)		Vent Height:	2
Distillate Fuel #2: Working Loss (Tank Diameter Independent)		Velocity:	0.0
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro		Exit Temp.:	0
Fuel Quality: Percent Sulfur:	0.000	Percent Ash:	0.00
Heat Content:	1	Flow Rate:	0
Monthly Throughput:			
December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 19309.4 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.122135		
Comment:						

## Process Unit Information

Process Unit ID: 2  
Description: BREATHING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301020  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)  
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 6232.55 Units: 1000 Gallon-Years Distillate Oil (No. 2)

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor: Tons/Yr:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3	0.26181	

Comment:

## Group Information

Group Id: 019  
Group Description: TANK #2 - BIODIESEL

Design Capacity: Design Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	25	25	25

Actual Operating Schedule for This Group:

Hours/Day	24	Start Time: 0001
Days/Week	7	
Weeks/Year	52	End Time: 2359
O3 Season Days	91	

Comment:

## Process Unit Information

Process Unit ID: 1  
Description: BREATHING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301020  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)  
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December: 0	March: 0	June: 0	September: 0
January: 0	April: 0	July: 0	October: 0
February: 0	May: 0	August: 0	November: 0

Annual Throughput: 9.5 Units: 1000 Gallon-Years Distillate Oil (No. 2)

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Tons/Yr: Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3	0.21743	

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: WORKING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301021  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Working Loss (Tank Diameter Independent)  
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 70.589 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		4.35e-4		
Comment:						

## Group Information

Group Id:	020	Actual Operating Schedule for This Group:				
Group Description: TANK #7 - 6 OIL		Hours/Day	24	Start Time:	0001	
Design Capacity:	Desgin Cap. Units:	Days/Week	7	Weeks/Year	52	End Time: 2359
Percent Quarterly Throughput:		O3 Season Days	91			
Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.			
25	25	25	25			

Comment:

## Process Unit Information

Process Unit ID:	1	Stack #:	99
Description:	BREATHING LOSS	Description:	FUGITIVE
Source Classification Code (SCC):	40301065	Height:	0
Description:	Petroleum Product Storage at Refineries	Diameter:	0.00
Fixed Roof Tanks (Varying Sizes)		Vent Height:	2
Grade 6 Fuel Oil: Breathing Loss (250000 Bbl. Tank Size)		Velocity:	0.0
AP-42 Units: 1000 Gallon-Years Residual Oil (No. 6) S		Exit Temp.:	0
Fuel Quality: Percent Sulfur:	0.000	Percent Ash:	0.00
Heat Content:	1	Flow Rate:	0
Monthly Throughput:			
December: 0	March: 0	June: 0	September: 0
January: 0	April: 0	July: 0	October: 0
February: 0	May: 0	August: 0	November: 0
Annual Throughput: 3800	Units: 1000 Gallon-Years Residual Oil (No. 6) S		

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	5				
Comment:						

## Process Unit Information

Process Unit ID: 2  
Description: WORKING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301075  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Grade 6 Fuel Oil: Working Loss (Independent Tank Diameter)  
AP-42 Units: 1000 Gallons Residual Oil (No. 6) Throug

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 15605.2 Units: 1000 Gallons Residual Oil (No. 6) Throug

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	5		0.000705	

Comment:

## Group Information

Group Id: 022  
Group Description: TANK 210 - BOILER #2 OIL

Actual Operating Schedule for This Group:

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	25	25	25

Hours/Day	24	Start Time: 0001
Days/Week	7	
Weeks/Year	52	End Time: 2359
O3 Season Days	91	

Comment:

## Process Unit Information

Process Unit ID: 1  
Description: BREATHING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301020  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)  
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 20 Units: 1000 Gallon-Years Distillate Oil (No. 2)

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3	0.00164	

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: WORKING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301021  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Working Loss (Tank Diameter Independent)  
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 337.261 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.002345	
Comment:					

## Group Information

Group Id:	026	Actual Operating Schedule for This Group:			
Group Description:	FULTON HEATER #1	Hours/Day	24	Start Time:	0001
Design Capacity:	9.9	Days/Week	7	Weeks/Year	52
Percent Quarterly Throughput:		O3 Season Days	91	End Time:	2359
Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.		
21	28	29	22		

Comment: Fulton Heater #1 replaces boiler #1.

## Process Unit Information

Process Unit ID:	1	Stack #:	1
Description:	#2 FUEL OIL	Description:	BOILER 026
Source Classification Code (SCC):	10200501	Height:	18
Description:	External Combustion Boilers - Industrial Distillate Oil	Diameter:	1.30
Grades 1 and 2 Oil		Vent Height:	0
AP-42 Units:	1000 Gallons Distillate Oil (No. 1 & 2)	Velocity:	0.0
Fuel Quality: Percent Sulfur:	0.350	Exit Temp.:	0
Percent Ash:	0.01	Flow Rate:	0
Heat Content:	1		
Monthly Throughput:			
December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 112.420 Units: 1000 Gallons Distillate Oil (No. 1 & 2)

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	9	0.13	0.007307	
Comment:					
124389	CARBON DIOXIDE	9	22680	1274.843	
Comment:					
7439921	LEAD	9	0.00126	7.08e-5	
Comment:					
74828	METHANE	9	0.06	0.003373	
Comment:					



## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
CO	CARBON MONOXIDE	8	5.000E0	0.28105		
Comment:						
NH3	AMMONIA	8	8.000E-1	0.044968		
Comment:						
NOX	NITROGEN OXIDES	9	42	2.36082		
Comment:						
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION	9	10	0.5621		
Comment:						
PM25-FIL	PRIMARY PM2.5, FILTERABLE PORTION	8	2.500E-1	0.014053		
Comment:						
SO2	SULFUR DIOXIDE	8	1.42E2	2.793637		
Comment:						
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.34	0.019111		
Comment: Emission factor based on AP-42 and license limit.						

## Group Information

Group Id: 027				Actual Operating Schedule for This Group:			
Group Description:FULTON HEATER #2							
Design Capacity: 9.9		Desgin Cap. Units: 1		Hours/Day	24	Start Time: 0001	
Percent Quarterly Throughput:				Days/Week	7		
				Weeks/Year	52	End Time: 2359	
Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.	O3 Season Days	91		
21	28	29	22				

Comment: Fulton Heater #2 replaces boiler #2.

## Process Unit Information

Process Unit ID:	1	Stack #:	2
Description:	#2 FUEL OIL	Description:	BOILER 027
Source Classification Code (SCC):	10200501	Height:	14
Description:	External Combustion Boilers - Industrial	Diameter:	2.00
Distillate Oil		Vent Height:	0
Grades 1 and 2 Oil		Velocity:	0.0
AP-42 Units:	1000 Gallons Distillate Oil (No. 1 & 2)	Exit Temp.:	0
Fuel Quality: Percent Sulfur:	0.350	Flow Rate:	0
Percent Ash:	0.01	Heat Content:	1
Monthly Throughput:			
December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 112.420 Units: 1000 Gallons Distillate Oil (No. 1 & 2)

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

### Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	9	0.13	0.007307	
Comment:					
124389	CARBON DIOXIDE	9	22680	1274.843	
Comment:					
7439921	LEAD	9	0.00126	7.08e-5	
Comment:					
74828	METHANE	9	0.06	0.003373	
Comment:					
CO	CARBON MONOXIDE	8	5.000E0	0.28105	
Comment:					
NH3	AMMONIA	8	8.000E-1	0.044968	
Comment:					
NOX	NITROGEN OXIDES	9	42	2.36082	
Comment:					
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION	9	10	0.5621	
Comment:					
PM25-FIL	PRIMARY PM2.5, FILTERABLE PORTION	8	2.500E-1	0.014053	
Comment:					
SO2	SULFUR DIOXIDE	8	1.42E2	2.793637	
Comment:					
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.34	0.019111	
Comment: Emission factor based on AP-42 and license limit.					

## Group Information

Group Id: 028  
 Group Description: **BOILER #3**  
 Design Capacity: 1 Design Cap. Units: 1  
 Percent Quarterly Throughput:  
 Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.  
 44 31 6 19

Actual Operating Schedule for This Group:

Hours/Day 24 Start Time: 0001  
 Days/Week 7  
 Weeks/Year 52 End Time: 2359  
 O3 Season Days 91

Comment:

## Process Unit Information

Process Unit ID: 1  
 Description: **#2 FUEL OIL**  
 Source Classification Code (SCC): 10200501  
 Description: **External Combustion Boilers - Industrial Distillate Oil**  
**Grades 1 and 2 Oil**  
 AP-42 Units: 1000 Gallons Distillate Oil (No. 1 & 2)

Stack #: 3  
 Description: **BOILER 028**  
 Height: 20  
 Diameter: 0.80  
 Vent Height: 0  
 Velocity: 0.0  
 Exit Temp.: 0  
 Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.350 Percent Ash: 0.01 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 5.708 Units: 1000 Gallons Distillate Oil (No. 1 & 2)

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	9	0.13	3.71e-4	
Comment:					
124389	CARBON DIOXIDE	9	22680	64.72872	
Comment:					
7439921	LEAD	9	0.00126	3.60e-6	
Comment:					
74828	METHANE	9	0.06	1.71e-4	
Comment:					
CO	CARBON MONOXIDE	8	5.000E0	0.01427	
Comment:					
NH3	AMMONIA	8	8.000E-1	0.002283	
Comment:					

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
NOX	NITROGEN OXIDES	9	42	0.119868	
Comment:					
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION	9	10	0.02854	
Comment:					
PM25-FIL	PRIMARY PM2.5, FILTERABLE PORTION	8	2.500E-1	0.000714	
Comment:					
SO2	SULFUR DIOXIDE	8	1.42E2	0.141844	
Comment:					
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.34	0.00097	
Comment: Emission factor based on AP-42 and license limit.					

## Group Information

Group Id:	029	Actual Operating Schedule for This Group:			
Group Description:	BOILER #5	Hours/Day	24	Start Time:	0100
Design Capacity:	2	Days/Week	7	End Time:	2300
Percent Quarterly Throughput:		Weeks/Year	52	O3 Season Days	91
Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.		
34	26	23	17		

Comment:

## Process Unit Information

Process Unit ID:	1	Stack #:	100
Description:	LOW PRESSURE BOILER	Description:	BOILER #5 GROUP
Source Classification Code (SCC):	10200503	Height:	18
Description:	External Combustion Boilers - Industrial	Diameter:	1.30
Distillate Oil		Vent Height:	0
< 10 Million Btu/hr **		Velocity:	0.1
AP-42 Units: 1000 Gallons Distillate Oil Burned		Exit Temp.:	50
Fuel Quality: Percent Sulfur:	0.350	Flow Rate:	0
Percent Ash:	0.01		
Heat Content:	1		
Monthly Throughput:			
December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:
Annual Throughput:	24.653	Units:	1000 Gallons Distillate Oil Burned

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	9	0.13	0.001603	
Comment:					
124389	CARBON DIOXIDE	9	22680	279.565	
Comment:					
7439921	LEAD	9	0.00126	1.55e-5	
Comment:					
74828	METHANE	9	0.06	0.00074	
Comment:					
CO	CARBON MONOXIDE	8	5.000E0	0.061633	
Comment:					
NH3	AMMONIA	8	8.000E-1	0.009861	
Comment:					
NOX	NITROGEN OXIDES	9	42	0.517713	
Comment:					
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION	9	2	0.024653	
Comment:					
PM25-FIL	PRIMARY PM2.5, FILTERABLE PORTION	8	2.500E-1	0.003082	
Comment:					
SO2	SULFUR DIOXIDE	8	1.42E2	0.612627	
Comment:					
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.34	0.004191	
Comment: Emission factor based on AP-42 and license limit.					

## Group Information

Group Id: 030

Group Description: FULTON HEATER #3

Design Capacity: 9.9 Desgin Cap. Units: 1

Percent Quarterly Throughput:

Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.

21 28 29 22

Comment:

Actual Operating Schedule for This Group:

Hours/Day 24 Start Time: 0001

Days/Week 7

Weeks/Year 52 End Time: 2359

O3 Season Days 0

## Process Unit Information

Process Unit ID: 1

Description: #2 FUEL OIL

Stack #: 3

Description: BOILER 028

Source Classification Code (SCC): 10200501

Description: External Combustion Boilers - Industrial

Distillate Oil

Grades 1 and 2 Oil

AP-42 Units: 1000 Gallons Distillate Oil (No. 1 & 2)

Height: 20

Diameter: 0.80

Vent Height: 0

Velocity: 0.0

Exit Temp.: 0

Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.350 Percent Ash: 0.01 Heat Content: 1

Monthly Throughput:

December:

March:

June:

September:

January:

April:

July:

October:

February:

May:

August:

November:

Annual Throughput: 112.420 Units: 1000 Gallons Distillate Oil (No. 1 & 2)

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Tons/Yr: Capture Control
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	9	0.13	0.007307
Comment:				
124389	CARBON DIOXIDE	9	22680	1274.843
Comment:				
7439921	LEAD	8	0.003369	1.89e-4
Comment:				
74828	METHANE	9	0.06	0.003373
Comment:				
CO	CARBON MONOXIDE	8	5.000E0	0.28105
Comment:				
NH3	AMMONIA	8	8.000E-1	0.044968
Comment:				
NOX	NITROGEN OXIDES	8	2.400E1	1.34904
Comment:				
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION	8	1.000E0	0.05621
Comment:				
PM25-FIL	PRIMARY PM2.5, FILTERABLE PORTION	8	2.500E-1	0.014053
Comment:				
SO2	SULFUR DIOXIDE	8	1.42E2	2.793637
Comment:				

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	8	0.42	0.008263		
Comment:						

## Group Information

Group Id: 098				Actual Operating Schedule for This Group:		
Group Description:TRUCK LOADING RACKS						
Design Capacity:		Desgin Cap. Units:		Hours/Day	24	Start Time: 0001
Percent Quarterly Throughput:				Days/Week	6	
Dec.-Feb.		Mar.- May	Jun.- Aug.	Sept.- Nov.	Weeks/Year	52
25		25	25	25	O3 Season Days	78
						End Time: 2359

Comment:

## Process Unit Information

Process Unit ID:	1	Stack #:	99
Description:	ALL FUELS	Description:	FUGITIVE
Source Classification Code (SCC):	40400250	Height:	0
Description:	Petroleum Liquids Storage (non-Refinery)	Diameter:	0.00
Bulk Plants		Vent Height:	2
Loading Racks		Velocity:	0.0
AP-42 Units:	1000 Gallons Liquid Transferred	Exit Temp.:	0
Fuel Quality: Percent Sulfur:	0.000	Percent Ash:	0.00
Heat Content:	1	Flow Rate:	0
Monthly Throughput:			
December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:
Annual Throughput: 106426 Units: 1000 Gallons Liquid Transferred			

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.7482		
Comment:						

## Group Information

Group Id: 099  
Group Description: VESSEL LOADING

Actual Operating Schedule for This Group:

Design Capacity: Desgin Cap. Units:  
Percent Quarterly Throughput:  
Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.  
25 25 25 25

Hours/Day 24 Start Time: 0001  
Days/Week 6  
Weeks/Year 52 End Time: 2359  
O3 Season Days 78

Comment:

## Process Unit Information

Process Unit ID: 1  
Description: #2 FUEL OIL  
Source Classification Code (SCC): 40400250  
Description: Petroleum Liquids Storage (non-Refinery)  
Bulk Plants  
Loading Racks  
AP-42 Units: 1000 Gallons Liquid Transferred

Stack #: 99  
Description: FUGITIVE  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughput: 20524 Units: 1000 Gallons Liquid Transferred

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.117	

Comment:



# Facility Pollutant Emissions Summary

Facility ID: 00120

County - 005

State - 23

CAS	Pollutant	Emissions tons / year	
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	0.023895	0.023895
124389	CARBON DIOXIDE	4168.823	4168.823
7439921	LEAD	3.50e-4	3.50e-4
74828	METHANE	0.01103	0.01103
CO	CARBON MONOXIDE	0.919053	0.919053
NH3	AMMONIA	0.147048	0.147048
NOX	NITROGEN OXIDES	6.708261	6.708261
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION ONLY	1.233603	1.233603
PM25-FIL	PRIMARY PM2.5, FILTERABLE PORTION ONLY	0.045955	0.045955
SO2	SULFUR DIOXIDE	9.135382	9.135382
VOC	VOLATILE ORGANIC COMPOUNDS	4.764846	4.764846